

Voluntary Report - public distribution

**Date:** 4/22/2003

**GAIN Report Number:** CH3055

# **China, Peoples Republic of**

## **FAIRS Product Specific**

### **Carbonated Drinks - DRAFT FOR COMMENTS**

### **2003**

**Approved by:**

Larry M. Senger  
U.S. Embassy

**Prepared by:**

Jim Butterworth, Adam Branson, and Wu Bugang

---

**Report Highlights:**

This is an UNOFFICIAL translation of the People's Republic of China DRAFT Standard for Carbonated Beverages and should be used as a guide only. Exporters should carefully discuss regulations and their application with Chinese importers to ensure that their interpretation is accurate.

---

Includes PSD Changes: No  
Includes Trade Matrix: No  
Unscheduled Report  
Beijing [CH1]  
[CH]

## Introduction

This report was prepared by the Office of Agricultural Affairs of the USDA/Foreign Agricultural Service in Beijing, People's Republic of China. While every possible care was taken in the preparation of this report, information provided may not be completely accurate either because policies have changed since its preparation, or because clear and consistent information about these policies was not available. It is highly recommended that U.S. exporters verify the full set of import requirements with their foreign customers, who are normally best equipped to research such matters with local authorities, before any goods are shipped. FINAL IMPORT APPROVAL OF ANY PRODUCT IS SUBJECT TO THE IMPORTING COUNTRY'S RULES AND REGULATIONS AS INTERPRETED BY BORDER OFFICIALS AT THE TIME OF PRODUCT ENTRY.

The People's Republic of China Ministry of Health (MOH) published DRAFT versions of several National Standards in August 2002 on the MOH website ([www.moh.gov.cn](http://www.moh.gov.cn)). This document is an UNOFFICIAL translation of a DRAFT National Standard that appeared on that website.

The MOH has not published a final version to this DRAFT therefore, the previous standard is still valid. National Standards that are abbreviated 'GB' and issued by MOH are compulsory standards that both domestic and imported goods must satisfy. MOH standards abbreviated 'GB/T' are voluntary.

At this time, U.S. industry and government officials are invited to offer comments on the DRAFT National Standard. Questions and comments should be submitted to the USDA FAS International Trade Policy Office of Food Safety and Technical Services by fax (202-690-0677) or by email "[ofsts@fas.usda.gov](mailto:ofsts@fas.usda.gov)" and "[roseanne.freese@usda.gov](mailto:roseanne.freese@usda.gov)". Individuals/organizations offering comments are requested to provide copies of their comments to the U.S. Embassy Office of Agricultural Affairs by fax (86-10-6532-2962) or by email "[AgBeijing@fas.usda.gov](mailto:AgBeijing@fas.usda.gov)".

Once finalized, the Standard will replace GB2759.2-1996 "Hygienic Standard for Carbonated Drinks."

BEGIN TRANSLATION

**Items noted in the DRAFT Hygienic Standard for Carbonated Drinks**

In comparison with GB 2759.2-1996, this Standard contains the following modifications:

- The original standard structure has been revised with additions to the requirements for raw materials, food additive use, production, processing, packaging, labeling, storage, and transportation;
- In this standard, the definition of the product was modified in accordance with the regulations in GB10789 "Classification for Soft Drinks."

**GB 2759.2 Hygienic Standard for Carbonated Drinks****1. Scope**

This standard specifies the hygienic requirements and inspection methods for the production and processing of carbonated drinks and the relevant food additives. This standard applies to soft drinks that are aerated with carbon dioxide under certain conditions. This standard does not apply to tea drinks aerated with carbon dioxide.

**2. Referenced Documents**

The clauses in the below standards, though referenced in this standard, have become clauses of this standard. All listed documents are applicable at the time of publication of this standard. However, all standards are subject to modification and the parties that apply this standard should study the possibility of using the recent versions of the following standards.

GB 191 Graphic and Text Marks on Packages for Storage and Transportation

GB 2760 Hygienic Standard for Food Additive Use

GB/T 4789.21 Microbiological Assays in Food Hygiene for the Inspection of Frozen Drinks and Soft Drinks.

GB 5749 Hygienic Standard for Drinking Water

GB/T 5009.11 Determination of Total Arsenic and Inorganic Arsenic in Foods

GB/T 5009.12 Determination of Lead in Foods

GB/T 5009.13 Determination of Copper in Foods

GB 7718 General Standard for Food Labels

GB 12695 Hygienic Specification for Soft Drink Manufacturers

**3. Definitions**

The following definitions apply to this standard.

Carbonated drinks: Product aerated with carbon dioxide gas under certain conditions. Carbonated drinks do not include drinks filled with carbon dioxide gas by fermentation. The carbon dioxide gas content in the product (multiplied by the volume under 20 degrees Centigrade) is not lower than two.

#### 4. Indices Requirements

##### 4.1 Requirement for Raw Materials

Raw materials should be in compliance with corresponding standards or regulations.

##### 4.2 Organoleptic Requirements

The product should possess the natural color and taste of the ingredients. Product should not have an abnormal smell or external impurities.

##### 4.3 Physical and Chemical Indices

The standard for physical and chemical indices should conform with the requirements in Table 1.

Table 1. Standard for Physicochemical Indexes

Index	Requirements
Lead (Pb), mg/L =	0.3
Total arsenic (counted as As), mg/L =	0.2
Copper (Cu), mg/L =	5

##### 4.4 Microbe Indices standard

Microbial indices should conform with the standards listed in Table 2.

Table 2 Microbial Standard

Index	Requirement
Total colonies, cfu/ml =	100
Coli bacillus flora MPN/100ml =	6
Fungi, cfu/ml =	10
Yeast, cfu/ml =	10
Pathogenic bacteria (Salmonella, Shiga's bacillus, Staphylococcus aureus)	Must not be detectable

#### 5. Food Additives

5.1 The quality of food additives should conform to the corresponding standards and regulations.

5.2 The varieties and the quantity of the food additive in use should conform to the corresponding regulations in GB2760.

#### 6. Hygienic Requirement for Production and Processing

Production and Processing should conform to the corresponding regulations in GB12695.

## 7. Packaging

The container and material used for packaging should conform to the corresponding hygienic standard and regulations.

## 8. Labeling

The packaging label should conform to regulation GB7718. The label for the outer-packaging of the product should conform to the regulations in GB191.

## 9. Storage and transportation

### 9.1 Storage

The products should be stored in a dry and ventilated location. Products should not be stored with poisonous, volatile, or harmful materials.

### 9.2 Transportation

The transportation vehicle should be clean. Products should never be transported with poisonous or harmful materials. During transport, the products should be covered and protected against the sun, rain, and heat.

## 10. Inspection method

### 10.1 Standards for inspection with the sensory organs

#### 10.1.1 Color, Transparency, Turbidity and Impurities

A 50 ml sample should be taken and stirred in a clean beaker. Then, under natural light, observe the color, transparency and turbidity with eyes and check the presence of visible impurities. The result should conform to the requirements in 4.2.

#### 10.1.2 Aroma and Taste

After the sample container is opened, pour the sample into a clean cup and immediately smell and taste the sample. The result should conform to the requirements in 4.2.

### 10.2. Physical and Chemical Inspection

#### 10.2.1 Lead

Lead should be determined according to methods stipulated in GB/T5009.12.

#### 10.2.2 Total Arsenic

Total arsenic should be determined according to methods in GB/T5009.11.

#### 10.2.3 Copper

Copper should be determined according to methods in GB/T5009.13

### 10.3 Microbial Requirements

Microbes should be tested according to methods in GB/T4789.21.

END TRANSLATION